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| Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 10/623,658 |
| | | | | Confirmation Number | 4747 |
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| | | | | First Named Inventor | Hyoseop SHIN |
| | | | | Art Unit | 2163 |
| Examiner Name | LU, CHARLES EDWARD | | | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | Q76495 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
| CCL | | US 2002-0088010 | A1 | 07-04-2002 | Dudkiewicz et al. |
| | | US | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| | | JP | 2001-229060 | A | 08-24-2001 | | W/English Abstract |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| CCL | | Jayavel Shanmugasundaram, et al. : The VLDB Journal The International Journal on Very Large Data Bases; , Issue: Vol. 10, Numbers 2-31; September 2001, Article: "Efficiently publishing relational data as XML documents" Pages 1-41. | |
| | | C. E. Dyreson et al.: "MetaXPath" PROCEEDINGS OF THE 2001 INTERNATIONAL CONFERENCE ON DUBLIN CORE AND METADATA APPLICATIONS, 'Online! October 22, 2001, October 26, 2001, XP002324400. 7 pages | |
| | | "Specification Series S-3 on: Metadata (Normative) Part: A Metadata Schemes" THE TV ANYTIME FORUM, 'Online! June 28, 2002, XP002323575. 30 pages | |
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| Examiner Signature |  | Date Considered | 8/7/06 |
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